

# ABSTRACT

5 A golf ball material comprises a heated mixture having  
a melt index of at least 1.0 dg/min, which mixture is  
composed of (A) a thermoplastic resin, (B) a fatty acid or  
fatty acid derivative having a molecular weight of at least  
280, and (C) a basic inorganic metal compound capable of  
neutralizing acidic groups in components A and B. The  
10 material including a highly neutralized ionomer resin has  
good thermal stability, flow characteristics and moldability.  
The invention is also directed at high-rebound golf balls  
which can be easily and efficiently manufactured using the  
same material.